#### **Recreational Use Attainability Analysis**

#### **Cover Sheet**

Water Body Name: Bigelows Creek	
Water Body Identification #: 1608	
Completed UAA Checklist:  G Pre-Field Preparatory Data Sheet G Maps with actual survey sites marked G Data Sheet A G Data Sheet B – 3 of 3 pages for each site O Number of Sites: O Data Sheet C (if applicable) O Number of Interviews: O Photographs	
O Quantities  Upstream N 7  Downstream N 7  Other  8	
I, the undersigned, hereby affirm to the best of my kneis true and accurate.	owledge, that all information reported in this UAA
Signed:	Date: 07-05-06
Printed Name: CHAD E. BARBOUR	Telephone #: 410 - 356 - 8993
Organization: TETRA TECH INC.	Position: SCIENTIST

#### <u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad) Bigelows Creek				
8-digit HUC: 10300200 Missouri Water Body Identification (WBID) #: 1608				
County: St. Charles				
Upstream Legal Description:				
Downstream Legal Description: 38,57203, -90.86787				
Discharger Facility Name(s): Augusta WWTP				
Discharger Permit Number(s): MOXI21363				
Weather Conditions for Past 7 days:				
j	tot, DRY			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

Date: 07 / 05 / 2006

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet A - Water Body Identification

Water Body Name: Bigelows Creek

WBID #: 1608

Upstream Coordinates:
(WGS 84, ddd.dddd) 38.56676, 090.90497

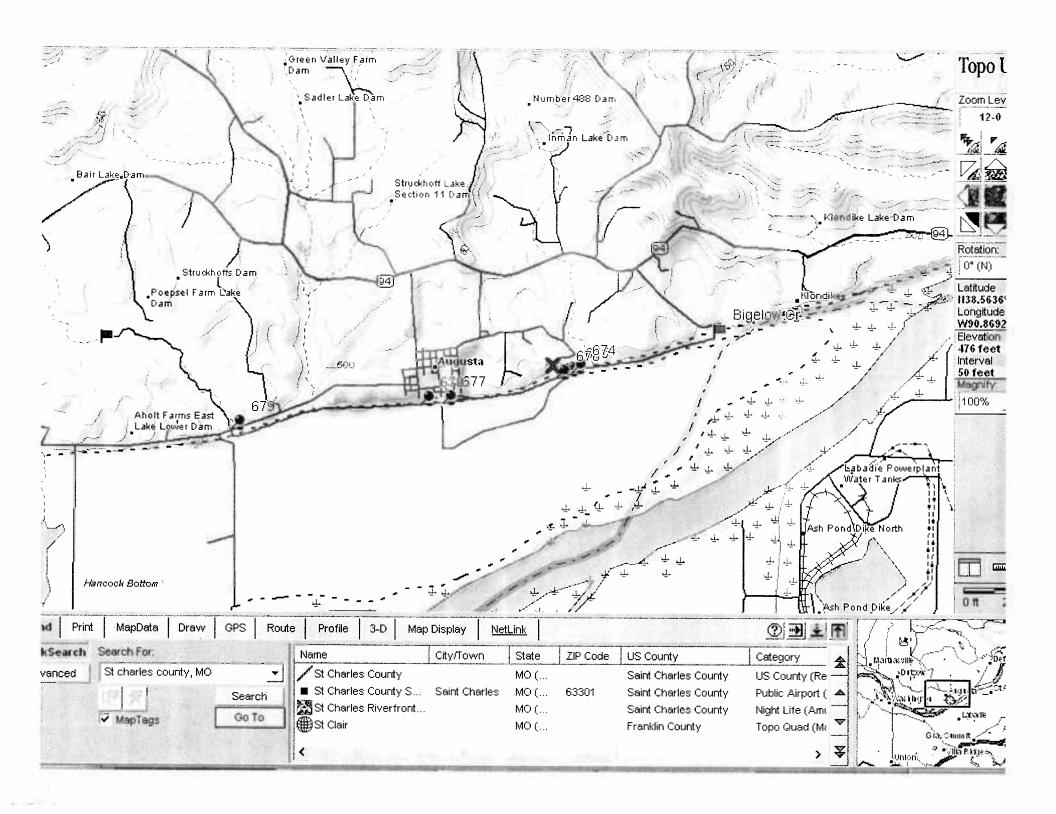
Downstream Coordinates:
(WGS 84, ddd.dddd) >8.57214, 090.86714

Current Weather Conditions:

Current Weather Conditions:

Current Weather Conditions:

Chad Barbour, John Roberts



Date: 06 / 21 / 2006

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	,		Arrival Time:	
Longitude (ddd.dddd):090, 867/14  Acc: 21587,			15.	<i>30</i>
Photo Ids: Upstream: 0607 Downstream: 0602			Other:	5-5-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0
		0609- AGRICUL	TURC .	٠
rrative Description	of Location: (De	scribe access point to stream,	nearby roads, landmarks, etc.	)
100 A. DAMM 3 THE. SA	a of fuolic hoa	DAKKO ON ENTEND.		
rounding Conditie	ma*. () f 1 11 1			
s of interest.)	ons": (Mark all that ]	promote or impede recreation	al uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation land	s Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence ☐ Steep slopes		☐ Other:	
			7	
man Uses Observed				
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above√	☐ Other:
Describe: (include num	ber of individuals rec	reating, frequency of use, pho	to-documentation of evidence	of recreational uses, et
		, *		
lence of Human Us	se*:			
□ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other: NONE			1	
- VIV V				
rees of Pollution:	.g., trash dumping, ti	res, drainages, discharges, etc	.)	
ces of foliation. (e				
END CULTURE - SEE	E1170 0609			

01:3/1/2006

	31 / 3006				
	Data	Sheet B - Site Ch	naracterization – 2 of	3	
eam Mor Jøstream	phology: View Physical Dim	ensions: 035, c	√22 N.33, .		
•/	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
□ Run					
☑ Pool	≈ 100m US	4.1	10	0.33	0/35
□ Flow	Present?   Yes	☑ No	Velocity (ft/sec):		~ 1 >=-
OWBSUCA	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle	access point (m)	width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Run	· ·				
✓ Pool	\$ 100m US	4.2	8	D-28	- No. 10.
□ Flow	Present?	☑ No	Velocity (ft/sec):	0.80	2.38
ر با <b>ن</b> د د	(These values should add	up to 100% )			
	Cobble % Gr		Sand 50 % Silt	50 % Mud/Clay	% Bedro

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

 $\square$  Foam

☑ Fine sediments

□ None

☑ None

☐ Other:

☐ Other:

 $\square$  Sludge

□ Oil

Bottom Deposit:

Surface Deposit:

☐ Solids

☐ Scum

WBID = 1608 Site # 674

Date: 06 21 2006

# Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
SITE VIRTUALLY INACCESSIBLE.	
	_
	_
	_
	_

White !	1608	_Site#	674
---------	------	--------	-----

Date: 06 21 / 2006

NONE

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet C – Interviews

	(Make addition	nal copies as neces	sary for multiple inter	views)
1. Do you live i	in the area?   Volume 1 long have you	Yes □ No lived here?		
2. Have you per	rsonally used the	is water body for rehat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
How often do you use it for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975?   Yes No				
☐ Swimming	se check ALL tl	□ SCUBA diving	☐ Tubing	[] W1."
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Water skiing ☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:				
4. Additional Co	mments:			
Contact Informate Name: Address: Telephone #:	t <b>ion</b> (if willing t	o provide):		

WBID# 1608 Site# 675

Date: 06 / 21 / 2006

# Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd):			Arrival Time:	
Longitude (ddd.dddd):	(C.40), 8 k · 2 ·	Po5		
Photo Ids: Upstream:	0604	Other:		
		0606-36UM.		
	,			
rrative Description	of Location: (De	scribe access point to strean	n, nearby roads, landmarks, etc.	)
AT PUBLIC ADA	) CAOSSING (EAS	T CANSACA)		
	<b></b>			
rrounding Conditions of interest.)	<b>ons^:</b> (Mark all that j	promote or impede recreation	onal uses. Attach photos of evidence	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lan	ds Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence ☐ Steep slopes		Other: AGABCULTUG	-1
		<u> </u>	7	305 C
man Uses Observed				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the above	☐ Other:
			noto-documentation of evidence	or rectallonal dees, et
	•			
dence of Human Us	se*:			
dence of Human Us  Roads	se*:  ☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	☐ RV / ATV Track
		ts Dock/platform	☐ Livestock Watering ☐ NPDES Discharge	☐ RV / ATV Track
☑ Roads	☐ Foot paths/prin	•		☐ RV / ATV Track: ☐ Fishing Tackle
☑ Roads □ Rope swings	☐ Foot paths/prin	•		
☑ Roads □ Rope swings □ Other:	☐ Foot paths/prin☐ Camping Sites	Fire pit/ring	☐ NPDES Discharge	

QL: Johnto 06/28/06

WBID#	608 Site# 6	<u>,75</u>			4
Date: _ 66 /	21 / 2016				
	Dat	a Sheet B - Site Cha	aracterization – 2 of 3	3	
Stream Mor	phology:				
		nensions: * VISUA	LLY ESTINATED DUE	TS BUTTANN TIME	Atlanka
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
□ Pool	5 *	5.5 *	5 *	* 1.0	· >1,5m *
□ Flow	Present?	⊠No	Velocity (ft/sec):		
Downstream	Distance from access point (m)	Dimensions: (3-46)	Length (m)	Avg. Depth (m)	Max Depth (m)
	access point (m)	With (III)	Length (m)	Avg. Deptn (m)	Max Depth (m)
Run	· · · · · · · · · · · · · · · · · · ·				
□ Ruii Pool	10				
☐ Flow		5,4	V-1	0.45	0.50
LJ Flow	Present?	₩ No	Velocity (ft/sec):		
u <u>bstrate*:</u>	These values should ad	d up to 100%.)			
	~		Sand 55 % Silt	45 % Mud/Clay	% Bedrock
quetie Vege	atation to OI				<u></u>
Good A	(Note amoun	nt of vegetation or algal g	growth at the assessment si	te.)	
5% of >	THERM MEACH AFF	66 V666 TATTOW SE	€ 6 8 3 5 5 0 604 € 0	605,	
ater Chara	cteristics*: (Mark all	that apply.)			
Odor:	☐ Sewage		Chemical None	☐ Other:	
Color:	□ Clear		Grav		

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☑ Fine sediments

 $\square$  None

 $\square$  None

☐ Other:

☐ Other:

Bottom Deposit:

Surface Deposit:

☐ Sludge

□ Oil

 $\square$  Solids

☑ Scum

_	

WB 1 1 608	Site #675	4
Date: 06 21 /	2036	
	Data Sheet E	3 - Site Characterization – 3 of 3
Comments. Reped conditions greatens in Nove	lescribe any departures fror measuring, site relocation)	n protocol and the reasons for departure (e.g., unanticipated unique local
<del>-</del>		

WBID 7	1608	Site #	625

Date: 06. 21 2006

NONE

# Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C - Interviews

	(Make addition	nal copies as neces	sary for multiple inter	views)		
1. Do you live : If so, how	in the area?   Volume I ong have you					
2. Have you pe	rsonally used the	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975? □ Yes □ No						
☐ Swimming	se check ALL to	nat apply:	☐ Tubing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
(	G More than G 1 – 5 times G Less than 1	rved it being used f 5 times per year per year time per year – pl				
Contact Informa Name: Address:	tion (if willing t	o provide):				

Telephone #:

WBfD # 1602 Site # 676

Date: 06 / 21 / 2006

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization – 1 of 3 (A separate Data Sheet B must be completed for each site)

	38.56973		Arrival Time:		
Longitude (ddd.dddd):	090. 87930 A	166, 47.3 FT,	1740	)	
Photo Ids: Upstream:	· · · · · · · · · · · · · · · · · · ·	Downstream: 0611	Other:		
		0612-A60	KICOLTOAE		
		00.8 7.0			
		scribe access point to stream, ne		)	
AUGUSTA, MO KAT	IY TAAJU LOGA	TION, DOOMETERS DOWN	-5 * 19 to AA.		
rounding Conditie	ms*• (Mark all that	promote or impede recreational	man August utara C. 11	•	
s of interest.)	Water an that	promote of impede recreational	uses. Attach photos of evide	ence or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☑ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☑ Steep slopes	Other: KATY TON	AIL-BILTUR	
W O				32,536	
man Uses Observed					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
	I C 2 C .	C Fighting	Ff 33 C3 3		
☐ Hunting Describe: (include numl	☐ Trapping ber of individuals rec	☐ Fishing reating, frequency of use, photo-	None of the above documentation of evidence	Other:	
	ber of individuals rec		documentation of evidence	of recreational uses, et	
Describe: (include numl	ber of individuals rec	reating, frequency of use, photo-	-documentation of evidence	of recreational uses, et	
Describe: (include numl	ber of individuals rec	reating, frequency of use, photo-	documentation of evidence	of recreational uses, et	
Describe: (include numl  dence of Human Us  Roads  Rope swings	se*:  □ Foot paths/prin □ Camping Sites	reating, frequency of use, photo-	-documentation of evidence	of recreational uses, et	
Describe: (include numl  dence of Human Us  Roads  Rope swings  Other: ドルスリ ショ	se*:    D Foot paths/prin   Camping Sites	reating, frequency of use, photo- its	documentation of evidence	of recreational uses, et	
Describe: (include numl  dence of Human Us  Roads  Rope swings  Other: ドルスリ ショ	Se*:    D Foot paths/prin   Camping Sites	reating, frequency of use, photo-	documentation of evidence	of recreational uses, et	

06/2/2006

ate: <u>35 /</u>		<u> </u>					
		Data	a Sheet B - Site C	haracte	rization – 2 of	73	
tream Morj Upstream		ysical Din	nensions: 0.14, c	).i.k., o	15 m		
	Distar	ce from point (m)	Width (m)		ength (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle							
☐ Run							
I Pool	\$ 20	00075	5,3		15	0.15	0.16
□ Flow	Present?	□ Yes	☑ No	Velo	city (ft/sec):		
Downstrea	Distan	Physical I ce from point (m)	Width (m)		ength (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle	access	ooint (m)	, , , , , , , , , , , , , , , , , , , ,		ength (m)	Avg. Depth (III)	Max Depth (m)
Run							
☑ Pool	> 202	m 95	5.6		10	0.18	0.18
□ Flow	Present?	☐ Yes	☑ No	Veloc	ity (ft/sec):		
bstrate*:	These value	es should ad	d up to 100%.)			and the second s	
	Cobble		· · · · · · · · · · · · · · · · · · ·	Sand	50 % Si	It 50 % Mud/Clay	% Bedrock
				<del></del>			
NAME Vege	etation*: (	Note amoun	t of vegetation or alga	l growth a	at the assessment	site.)	
7 ·Q 0 · · · · 5 C /	JEGETATT	IN PRIGVA	LEAT THOOVEHOUT,	SEE 0	407 <b>0</b> 5 0610 &	0611;40%.05	STARAM AFFECTE
ater Chara	cteristics <sup>3</sup>	: (Mark all	that apply.)				
Odor:		Sewage		Chemic	al 🗹 Non	e 🗆 Other:	
Color:	П	Clear	☐ Green ☐	Gray	— ☐ Mill		<i>f</i> \ •

☐ Foam

☑ Fine sediments

□ None

☑ None

☐ Other:

☐ Other:

Bottom Deposit:

Surface Deposit:

☐ Sludge

□ Oil

 $\square$  Solids

☐ Scum

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Data Sheet B - Site Characterization - 3 of 3

77 TE	RELOCA	7G0 .	70 A 0	<u>୬୫୧</u>	Per swifts	AREA.	OPEGGOVAL	53.76	LOCATION	VIRTUALLY
	wirt.									

Date: ১৮ <u>্। ৯০) (</u>

Nore

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet C – Interviews

2. Have you p	ersonally used the	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
□ Wood surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
II so, pie	oserved others us	ing this water body	for recreation since 1	975? □ Yes · □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Wind surfing	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
☐ Wind surfing☐ Hunting	☐ Trapping  en have you obser  G More than  G 1 – 5 times	☐ Fishing  rved it being used to times per year per year	☐ None of the above	☐ Other:
□ Wind surfing □ Hunting How ofte	en have you obser G More than G 1 – 5 times G Less than 1	☐ Fishing  rved it being used to times per year per year	□ None of the above  For recreation?	☐ Other:
☐ Wind surfing☐ Hunting	en have you obser G More than G 1 – 5 times G Less than 1	☐ Fishing  rved it being used to times per year per year	□ None of the above  For recreation?	☐ Other:
□ Wind surfing □ Hunting How ofte	en have you obser G More than G 1 – 5 times G Less than 1	☐ Fishing  rved it being used to times per year per year	□ None of the above  For recreation?	☐ Other:

WBID # 1608 Site # 677

Date: 06 / 21 / 2006

# Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3 Longitude (ddd.dddd):	Nas enes		Arrival Time:	
Photo Ids: Upstream:	/-	1<0:19,9F7. Downstream: 0598		
Thoro rasi oponeam.		_	Other:	
	. 0590	1- AGSIDGNTIAL O	600-BALLPARIL	
rative Description	of Location: /Da	scribe access point to stream, 1		
AT PUBLIC ROAD	- CRO53でんら、	scribe access point to stream, i	learby roads, landmarks, etc.	)
rounding Condition	ons*: (Mark all that p	promote or impede recreationa	luses. Attach photos of evide	ence or unusual
s of interest.) r see P	4070 0600 - GALL	PARK	- account photos of evide	siece of unusuar
☑ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☑ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☑ Steep slopes	Other: AGA TEVETOR	
<b>V</b>		SEE 911.705	7517 00518 -	LSEL PHOTO OS
nan Uses Observed				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the above	☐ Other:
		eating, frequency of use, phot	o-documentation of evidence	of recreational uses, et
lence of Human Us	se*:			
図 Roads	☐ Foot paths/print	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other: KATY BI	KING TOLTE PO	NS TAIRD LE WEST	FIAA SPR RHATA ASA	4
BALLRAMY	C ADJACENT TO	MS FREATHER PROTO	8600	1
ces of Pollution: (e	e.g., trash dumping, tir	es, drainages, discharges, etc.	)	
	さた くだり コンニのられつ	/ • △⊆47		
Characon One St	,			

06/21/206

	⊋: / 2016 				
	Data	a Sheet B - Site Cha	racterization – 2 o	f 3	
eam Mor Upstream		nensions: ();34, ();33,	<b>∂</b> ⊋ <b>2</b> 0		
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
Run		1.21-04			
☐ Pool	7,0	7,00 4.4	7.0 .	0,32	0.34
☐ Flow	Present?	☑ No	Velocity (ft/sec):		
Downstrea	am View Physical I Distance from access point (m)	Dimensions: 1, ⊋, 1 Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m
□ Riffle					
□ Run					
□ Pool	0	9.4	0	1.2	1.3
□ Flow	Present?	[] No	Velocity (ft/sec):		, ,
nstrate*• /	These values should ad	dum to 1000/			
		Gravel 30 % Sa	and 35 %S	ilt 35 % Mud/Clay	% Bedro
				Jo vo mad ciaj	/o Dedre
	+a+: a-+- at .	t of vacatation or algal a	rowth at the assessment	cite)	

water Characteristics\*: (Mark all that apply.)

Odor:	☐ Sewage	□ Musky	☐ Chemical	None	☐ Other:
Color:	□ Clear	□ Green	□ Gray	☐ Milky	1 Other: Tungad Chan
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments	□ None	Other:
Surface Deposit:	□ Oil	☑ Scum	☐ Foam	□ None	☐ Other:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1668	Site	#	677
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5

Date: 06 / 21 / 2006

# Data Sheet B - Site Characterization - 3 of 3

Comments: Present describe any departures from protocol and the reasons for departure (e.g., unanticipated unique 1 conditions, problems in measuring, site relocation).	local
NONE	
·	

$\mathbf{WB}$	4 16	28	Site #	677

Date: 56 21 2016

NONE

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you pe		lived here?is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob	G 1-5 time G Less than served others us	ing this water body	lease describe:	975? □ Yes □ No
If so, ple  ☐ Swimming	ase check ALL t	hat apply:  ☐ SCUBA diving		
☐ Wind surfing		☐ Boating	☐ Tubing ☐ Wading	☐ Water skiing
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Rafting ☐ Other:
	G More than $1 - 5$ times		for recreation? ease describe:	
	omments:			

WBID # 1608 Site # 678

Date: 06 / 21 / 2006

# Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

	38.56 946	1 2 4	Arrival Time:	Arrival Time:		
Longitude (ddd.dddd):	040.88375	vec. BALFT	164	S		
Photo Ids: Upstream:	0601	Downstream: 050%	Other:			
		134 5 JUANT - 5030	8 m 💄 ), x = 0.1			
		The second of th	KIC OF 141.			
rative Description	of Location: (De	scribe access point to stream,	nearby roads, landmarks, etc.	)		
KI MUGUSTA,MO	CATY INFIC	PRETING LOT, APPRI	DOWNSTRAM	14-11 <b>) 6</b>		
			004) #3 (p. )			
manus din a Cara list	<b>M</b>					
rounding Conditions of interest.)	ons*: (Mark all that )	promote or impede recreation	al uses. Attach photos of evide	ence or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation land	s Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	図 Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	☑ Steep slopes				
			SEE PHOTO 3503 -	1 55 5 \$ 5 2 3 2 3 3 3 5		
nan Uses Observed	J*:					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
				1		
☐ Hunting	☐ Trapping	☐ Fishing	M None of the above	Other:		
☐ Hunting	☐ Trapping per of individuals rec	☐ Fishing reating, frequency of use, pho		Other:		
☐ Hunting	☐ Trapping per of individuals rec	☐ Fishing reating, frequency of use, pho	M None of the above	Other:		
☐ Hunting	☐ Trapping per of individuals rec	☐ Fishing reating, frequency of use, pho	M None of the above	Other:		
☐ Hunting	☐ Trapping per of individuals rec	☐ Fishing reating, frequency of use, pho	M None of the above	Other:		
☐ Hunting Describe: (include numb	per of individuals rec	☐ Fishing reating, frequency of use, pho	M None of the above	Other:		
☐ Hunting	per of individuals rec	reating, frequency of use, pho	None of the above pro-documentation of evidence	☐ Other: of recreational uses, e		
Hunting Describe: (include numb	per of individuals reco	ts Dock/platform	None of the above pro-documentation of evidence	☐ Other: of recreational uses, e		
Hunting Describe: (include numbers)  ence of Human Us  Roads  Rope swings	se*:	reating, frequency of use, pho	None of the above pro-documentation of evidence	Other:		
Hunting Describe: (include numb ence of Human Us Roads	se*:	ts Dock/platform	None of the above pro-documentation of evidence	☐ Other: of recreational uses, e		
Hunting Describe: (include numb  ence of Human Us  Roads Rope swings Other: NONE	se*:    D Foot paths/prin   Camping Sites	ts Dock/platform	□ None of the above  None of the above  Dio-documentation of evidence  □ Livestock Watering □ NPDES Discharge	☐ Other: of recreational uses, e		
Hunting Describe: (include numb  ence of Human Us  Roads  Rope swings	se*:    D Foot paths/prin   Camping Sites	ts Dock/platform	□ None of the above  None of the above  Dio-documentation of evidence  □ Livestock Watering □ NPDES Discharge	☐ Other: of recreational uses, e		
Hunting Describe: (include numb  ence of Human Us  Roads Rope swings Other: NONE	se*:    D Foot paths/prin   Camping Sites	ts Dock/platform	□ None of the above  None of the above  Dio-documentation of evidence  □ Livestock Watering □ NPDES Discharge	☐ Other: of recreational uses, e		

ıte: <u>  56 / ≥1</u>	Site # _ 6"					4
		a Sheet B - Site	Characterizati	on – 2 of 3		
ream Morpho Unstream Vi	ology: ew Physical Din	nancians. A H	2111 216			
Opsticam 11	Distance from access point (m)	Width (m)		(m)	Avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
M Pool	200 m US	3.4	3,8		0.15	0-16
□ Flow P	Present?	D No	Velocity (ft/s	sec):		
T T	Distance from access point (m)	Width (m)	Length (	[m)	Avg. Depth (m)	Max Depth (m)
		Width (m)	Length	(m)	Avg. Depth (m)	Max Depth (m)
Riffle						
Run						
	4 230 m 93	3.6	6( )		0-15	0 %
□ Flow P	resent? Yes	☑ No	Velocity (ft/s	sec):		
ostrate*: (The	ese values should ad	d un to 100%)				
% Col		Gravel	% Sand 50	% Silt	50 % Mud/Clay	% Bedro
4. 37	• 1					
Iatic Vegetat	tion*: (Note amour	nt of vegetation or a	algal growth at the as	ssessment site	e.) STABAM ROACH	***
SEE PHOTOS	0601 0 0602,	and a state of the state of	assistant bilaktica#	40 14 15	STABAM COACH	
-						
ter Characte	ristics*: (Mark all	that apply.)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	□-None	☐ Other:	
Color:	☐ Clear	□ Green	☐ Gray	☐ Milky	□ Other: β@	XAUAI
Bottom Deposit:	: 🗆 Sludge	□ Solids	M Fine sediments		Other: pe	40

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☐ Sludge

☐ Oil

Surface Deposit:

 $\square$  Solids

☐ Scum

Fine sediments

□ None

None

☐ Other:

☐ Other:

WBID # 1608 Site # 678

Date: 36 / 21 / 2016

#### Data Sheet B - Site Characterization -3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).
NONE

<b>WBID</b> #	108	Site #	678
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Date: 06 21 / 2006

NONG

# Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews
(Make additional conies as necessary for multiple in

1. Do you live	in the area?	Yes □ No	sary for multiple inter	views)
		is water body for r	ecreation since 1975?	□ Ves □ No
If so, ple	ase check ALL	that apply:	coreation since 1975:	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	□ Other:
3. Have you obs	G 1 – 5 time G Less than	ing this water body	lease describe:	
☐ Swimming	Skin diving	□ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
(	G More than $1-5$ times		for recreation? ease describe:	
4. Additional Co	omments:			
Contact Informa Name: Address: Telephone #:	tion (if willing	to provide):		

WBID # 1608 Site # 679

Date: 06 / 21 / 200 6

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

			1		
Latitude (ddd.dddd): 3	·			Arrival Time	2.
Longitude (ddd.dddd):	090,90447	ACC:	23.5 FT		1606
Photo Ids: Upstream: 0594 Downstream			tream: 0595-ALSO	Grantage Other:	
				Toasc	
			0596-FARM		
rrative Description	of Location: (De	escribe	access point to stream, ne	arby roads, landmarks,	etc.)
AT AUGUSTA GOT	70m horo Cho.	シシェルロ	, WEST OF AUGUST	Α.	
rrounding Conditions of interest.)	ns*: (Mark all that	promot	e or impede recreational i		
☐ City/county parks	□ pl 1				EE PHOTO 0545-KATYP
	Playgrounds	<b>T</b>	DC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		ational forests	☑ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	₩ St	eep slopes	Other: AGAJCVI	TURE - SEE PHOTOS 051
man Uses Observed	l*:				051
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the abov	e DOther:
Describe: (include numb	er of individuals rec	reating,	frequency of use, photo-	documentation of evide	nce of recreational uses, etc
dence of Human Us	e*:				
□ Roads	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Waterin	ng RV/ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	
図 Other: <sub>NON</sub> E					
	g., trash dumping, ti	res, dra	inages, discharges, etc.)		
図 Other: <sub>NONE</sub> rces of Pollution: (e. ないれていないできる。	g., trash dumping, tii ا الله الله الله الله الله الله الله ال	res, dra	inages, discharges, etc.)		

06/21/2006

	Data	Sheet B - Site Cha	racterization – 2	of 3	
ream Mor <sub>l</sub> Upstream	View Physical Dim	ensions: O.Go. Or	75, 71,000 s	*-ESTIMATED DVG TO	No 01813 11 1224
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
□ Pool	0	3.2	0	* 0.75	>1.0m
☐ Flow	Present?	⊠No	Velocity (ft/sec):		
***	Distance from access point (m)	imensions: ৩.২২, ৩ Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
LJ D.ca	,				
Riffle					
□ Run					
□ Run □ Pool	6	3.2	6	0.21	0,22
□ Run	Present? Yes	3.2		0.21	0,22
□ Run □ Pool □ Flow	Present? Yes	□ No			0.22
□ Run □ Pool □ Flow  estrate*: (	· · · · · · · · · · · · · · · · · · ·	□ No up to 100%.)	Velocity (ft/sec):	m=155,	
□ Run □ Pool □ Flow  ostrate*: (	Present? Yes	up to 100%.)	Velocity (ft/sec):	Silt 50 % Mud/Clay	♡. Q Q % Bedro

Surface Deposit: Oil Scum Foam None Other:

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation

☐ Chemical

Fine sediments

☐ Gray

None

☐ Milky

□ None

☐ Other:

Other:

 $\square$  Other:

TURBER BROWN

Water Characteristics\*: (Mark all that apply.)

☐ Sewage

☐ Clear

☐ Sludge

☐ Musky

 $\square$  Green

☐ Solids

use analysis but may point to conditions that need further analysis or that affect another use.

Odor:

Color:

Bottom Deposit:

WBI 1608	Site #	679
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Date: 06 21 2016

# Data Sheet B - Site Characterization - 3 of 3

Community conditions with	Phase describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local measuring, site relocation).
NONE	
. ,	

WBID# 1608 Site# 629

Date: 06 21 2006

# Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet C - Interview

	(Make addition	nal copies as neces	interviews sary for multiple inter	views)		
1. Do you live i	in the area?   Volume I in the area.	Yes □ No lived here?				
2. Have you per	rsonally used thinse check ALL t	s water body for re hat apply:	ecreation since 1975?	□ Yes □ No		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ West surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often do you use it for recreation?  G More than 5 times per year  G 1-5 times per year  Less than 1 time per year – please describe:  3. Have you observed others using this water body for recreation since 1975?   Yes No						
If so, plea	se check ALL th	nat apply:	Ter recreation since r	975? □ Yes □ No		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	│ □ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:		
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:						
4. Additional Co	mments:					
Contact Informat Name: Address:	t <b>ion</b> (if willing to	o provide):				

Telephone #



Site# 674 Photo ID# 0607, Upstream



Site# 674 Photo ID# 0609, Agriculture



Site# 674 Photo ID# 0608, Downstream



Site# 675 Photo ID# 0604, Upstream



Site# 675 Photo ID# 0605, Downstream



Site# 676 Photo ID# 0610, Upstream



Site# 675 Photo ID# 0606, Scum



Site# 676 Photo ID# 0611, Downstream



Site# 676 Photo ID# 0612, Agriculture



Site# 677 Photo ID# 0598, Downstream



Site# 677 Photo ID# 0597, Upstream



Site# 677 Photo ID# 0599, Residential



Site# 677 Photo ID# 0600, Ball park



Site# 678 Photo ID# 0602, Downstream



Site# 678 Photo ID# 0601, Upstream



Site# 678 Photo ID# 0603, Trail / agriculture



Site# 679 Photo ID# 0594, Upstream



Site# 679 Photo ID# 0596, Farm



Site# 679 Photo ID# 0595, Downstream